

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072220\
 Data File : VX017464.D
 Acq On : 22 Jul 2020 10:00
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00562

Quant Time: Jul 23 02:56:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 23 02:36:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	381452	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	361316	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	186092	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	129202	4.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	1.69	69	90319	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.34	63	253554	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.20%
20) 2-Butanone-d5	4.53	46	256886	46.35	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.70%
24) Chloroform-d	5.14	84	240768	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	6.03	65	127234	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
32) Benzene-d6	6.04	84	445788	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	7.37	67	133401	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	8.70	98	441708	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
45) trans-1,3-Dichloropropene-	8.99	79	57602	5.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.60%
48) 2-Hexanone-d5	9.43	63	201418	49.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.32%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	93896	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
65) 1,2-Dichlorobenzene-d4	12.36	152	159710	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.18	85	227193	5.417	ug/L	99
3) Chloromethane	1.31	50	186843	4.790	ug/L	99
5) Vinyl chloride	1.39	62	180234	4.844	ug/L	97
6) Bromomethane	1.63	94	104430	5.168	ug/L	99
8) Chloroethane	1.71	64	100426	4.919	ug/L	97
9) Trichlorofluoromethane	1.92	101	270765	5.067	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	139722	4.818	ug/L	96
12) 1,1-Dichloroethene	2.36	96	128270	4.753	ug/L	97
13) Acetone	2.42	43	201158	44.980	ug/L	99
14) Carbon disulfide	2.55	76	439566	4.800	ug/L	100
15) Methyl Acetate	2.75	43	52833	4.058	ug/L	94
16) Methylene chloride	2.83	84	137249	3.701	ug/L	89
17) Methyl tert-butyl Ether	3.17	73	313318	4.874	ug/L	99
18) trans-1,2-Dichloroethene	3.14	96	140598	4.893	ug/L	98
19) 1,1-Dichloroethane	3.67	63	264591	5.229	ug/L	97
21) 2-Butanone	4.63	43	327025	45.905	ug/L	98
22) cis-1,2-Dichloroethene	4.56	96	148191	5.219	ug/L #	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	69024	5.041	ug/L	91
25) Chloroform	5.17	83	274206	5.161	ug/L	99
27) 1,2-Dichloroethane	6.16	62	174870	5.116	ug/L	97
29) 1,1,1-Trichloroethane	5.46	97	265781	5.476	ug/L	97
30) Cyclohexane	5.55	56	221289	5.641	ug/L	99
31) Carbon tetrachloride	5.75	117	241501	5.522	ug/L	97
33) Benzene	6.11	78	576842	5.421	ug/L	100
34) Trichloroethene	7.18	95	154482	5.381	ug/L	96
35) Methylcyclohexane	7.44	83	230653	5.938	ug/L	97
37) 1,2-Dichloropropane	7.49	63	144200	5.390	ug/L	98
38) Bromodichloromethane	7.87	83	195349	5.451	ug/L	98
39) cis-1,3-Dichloropropene	8.42	75	209631	5.425	ug/L	97
40) 4-Methyl-2-pentanone	8.62	43	813288	51.985	ug/L #	96
42) Toluene	8.76	91	627714	5.884	ug/L	99
43) 1,3,5-Trimethylbenzene	11.49	105	568233	5.716	ug/L	100
44) 1,2,4-Trimethylbenzene	11.79	105	569993	5.791	ug/L	98
46) trans-1,3-Dichloropropene	9.02	75	184213	5.535	ug/L	100
47) 1,1,2-Trichloroethane	9.20	97	99568	5.439	ug/L	93
49) Tetrachloroethene	9.32	164	131957	5.657	ug/L	98
50) 2-Hexanone	9.47	43	593318	51.955	ug/L #	88
51) Dibromochloromethane	9.56	129	139124	5.528	ug/L	95
52) 1,2-Dibromoethane	9.65	107	96660	5.328	ug/L	99
53) Chlorobenzene	10.12	112	397844	5.480	ug/L	99
54) Ethylbenzene	10.23	91	656965	5.678	ug/L	98
55) m,p-xylene	10.34	106	260492	5.639	ug/L	99
56) o-xylene	10.68	106	253170	5.649	ug/L	95
57) Styrene	10.70	104	433925	5.814	ug/L	100
58) Isopropylbenzene	11.00	105	681365	5.883	ug/L	99
60) 1,1,2,2-Tetrachloroethane	11.25	83	108496	4.981	ug/L #	95
62) Bromoform	10.84	173	77687	5.212	ug/L	98
63) 1,3-Dichlorobenzene	12.01	146	336052	5.610	ug/L	97
64) 1,4-Dichlorobenzene	12.08	146	334350	5.670	ug/L	96
66) 1,2-Dichlorobenzene	12.38	146	305847	5.512	ug/L	96
67) 1,2-Dibromo-3-chloropropan	12.98	75	24577	5.032	ug/L	95
68) 1,3,5-Trichlorobenzene	13.15	180	297084	5.888	ug/L	100
69) 1,2,4-trichlorobenzene	13.63	180	206152	5.591	ug/L	99
70) Naphthalene	13.82	128	343741	5.313	ug/L	99
71) 1,2,3-Trichlorobenzene	14.01	180	190804	5.597	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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